



CALIFORNIA

Agricultural Bulletin

EDD Employment
Development
Department
State of California

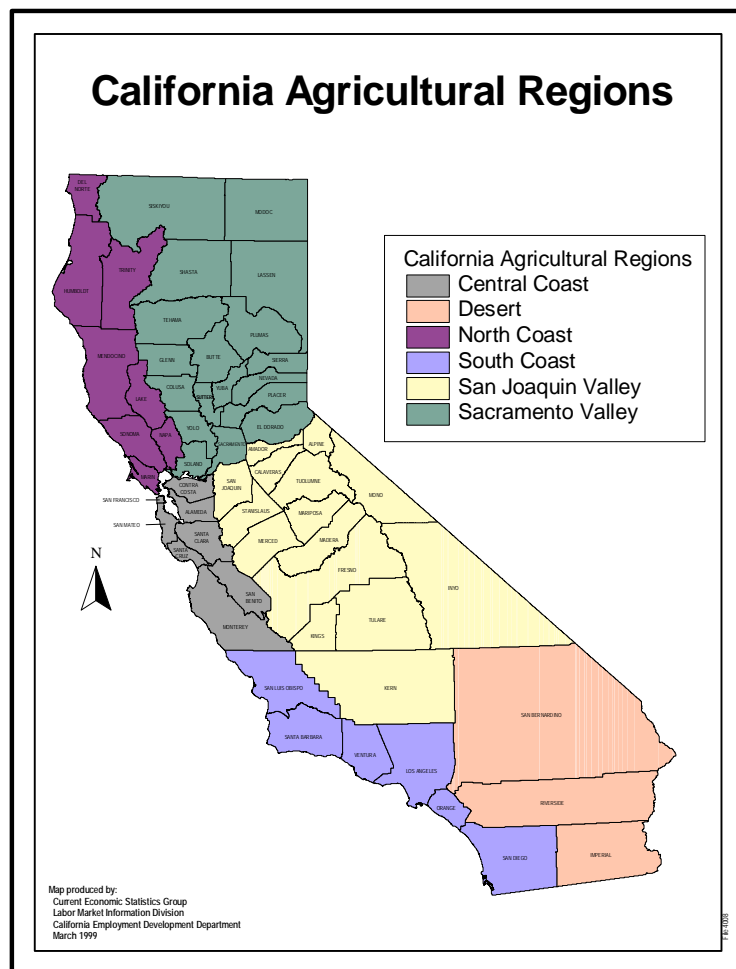
September 2002
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Agricultural Overview

This bulletin covers 27 agricultural industries in the State of California. The number of industries ranges from five to seventeen within each of the six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details).



The data are organized into the following tables by state and region:

- Wage and Salary Workers
- Average Hourly Earnings

LMID
Labor Market Information Division
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Summary

Employment

California agricultural employment for September 2002 increased 5,200 jobs over the previous month, a gain of one percent. Total Agricultural Production was unchanged from August 2002 to September 2002. Agricultural Services increased by 4,400 jobs, a gain of two percent. Agricultural Employment tends show a slight increase from August to September. However, the change in Agricultural Employment from August 2001 to September 2001 was a decrease of 8,500 jobs.

Grape crops registered the largest increase for the month with a gain of 10,000 jobs. The largest decrease for the month was seen in Ornamental and Floral Nursery crops with a decline of 4,000 jobs. A decline of 3,400 was seen in Deciduous Tree Fruit crops. Total agricultural employment increased five percent in the San Joaquin Valley Region, five percent in the North Coast Region, and two percent in the Central Coast Region. Agricultural employment decreased 19 percent in the Sacramento Valley Region, four percent in the South Coast Region, and four percent in the Desert Region.

Production and Crop Activity

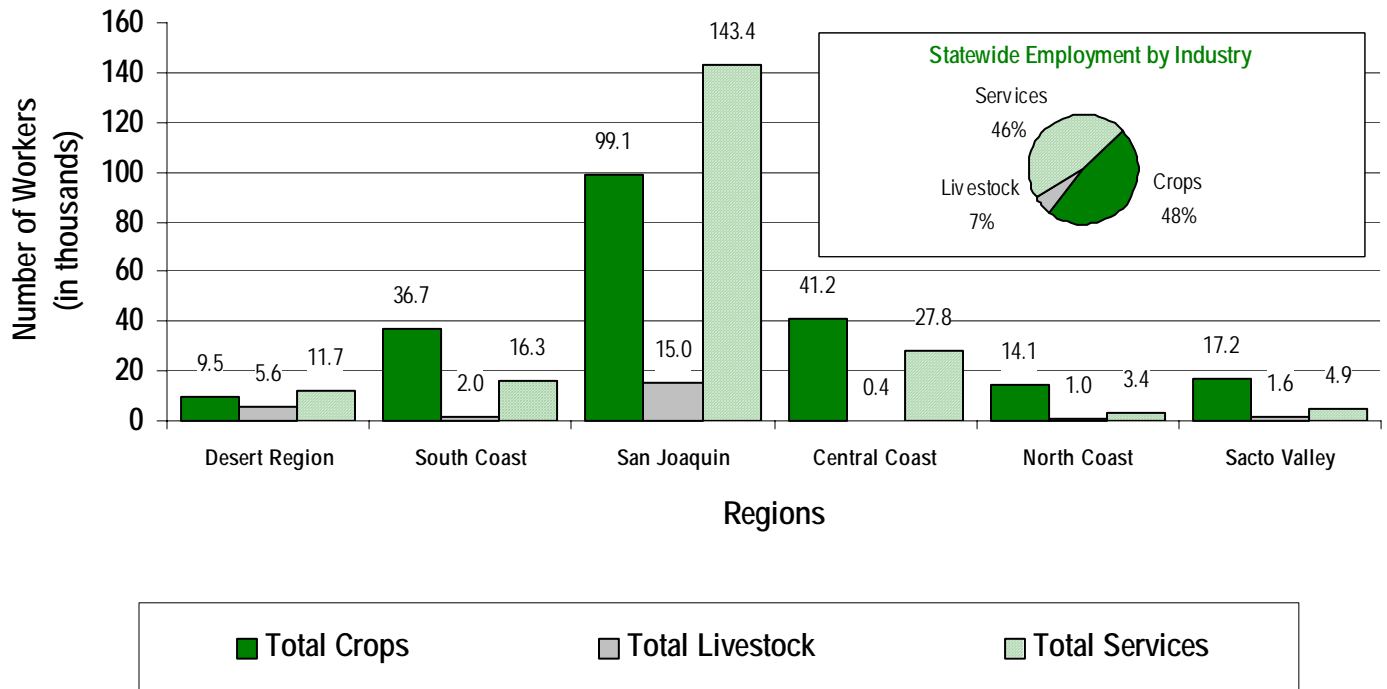
Cotton picking continued in the Imperial Valley and began in a few locations in the San Joaquin Valley. In other areas, harvesting was expected to begin soon. A few fields of Pima cotton were still under irrigation and treated to control insect pests. Sudan grass and alfalfa hay were cut, windrowed, baled and stacked, while previously harvested hay fields continued to thrive. Fields were prepared for fall planting of winter grains. Due to extremely dry conditions, many fields were pre-irrigated prior to cultivation and planting. Field and silage corn harvesting continued. Previously harvested cornfields were prepared for planting of the next crop. A few cornfields were treated for worms. Rice harvesting was progressing well in many locations. Rice stubble burning continued as conditions allowed. Harvesting of dry beans was underway in some areas. Sugar beet harvesting continued. Sugar beet and sweet potato fields planted for later harvest were maturing well and being irrigated. Sunflower harvesting continued. Cauliflower and broccoli crops were being planted for the winter harvest. Radicchio planting continued. Growers were preparing onion and garlic fields for harvest. Lettuce fields in Fresno County showed steady progress; irrigation and treatments for pest control were underway as necessary. Insecticide applications continued in tomato, cauliflower, bean, and melon fields. Harvesting of tomatoes, sweet corn, eggplant, cucumbers, and peppers continued for both the fresh market and for processing. Bell pepper harvesting was winding down. Pumpkin and gourd harvesting began. Processing tomato harvesting continued, but was slowing as the end of the season approached. Watermelon harvesting was completed in Merced County. The following vegetables were also harvested: basil, carrots, long beans, okra, green onions, spinach, squash, garlic, and parsley.

Stone fruit harvesting continued but began winding down as the end of the season approached. Harvesting of raisin grapes was at its peak in Fresno County. Table grape, wine and juice grape harvesting remained active throughout the State. Post harvest irrigation and disking for weed control continued in harvested grape vineyards. Apples, pears, figs, and pomegranates were harvested. Strawberries continued to be harvested in the Central Coast counties. Irrigation and pest control applications continued in citrus orchards where necessary. Walnuts, almonds, and pistachios were harvested.

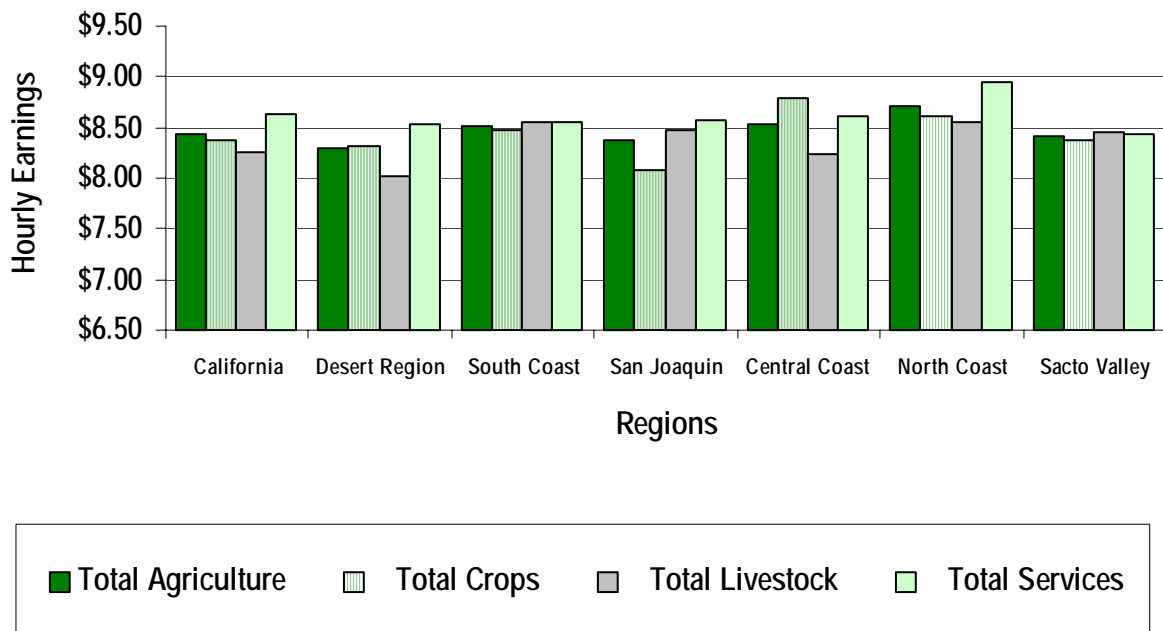
Cattle were moved to market or winter pastures. In Northern California, beef cattle were given supplemental feed. Beekeepers were extracting honey and preparing hives for overwintering.

Agricultural Summary Charts

Wage and Salary Workers



Average Hourly Earnings



CALIFORNIA AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Sep 2002	Aug 2002	Sep 2001
Total Agriculture	450.9	445.7	428.2
Total Agricultural Production/Crops	217.8	214.3	213.1
Cash Grains	3.1	2.4	2.1
Rice	1.4	1.3	1.3
Other Cash Grains	1.7	1.1	0.8
Field Crops Except Grains	9.6	8.6	10.4
Cotton	4.1	4.2	5.1
Other Field Crops	5.5	4.4	5.3
Vegetables and Melons	36.2	31.0	34.9
Total Fruits and Tree Nuts	106.4	102.5	105.1
Berries	15.8	16.3	15.7
Grapes	57.2	47.2	54.0
Tree Nuts	7.8	9.5	9.8
Citrus Fruits	3.2	3.5	3.8
Deciduous Tree Fruit	14.0	17.4	12.4
Other Fruits & Nuts	8.4	8.6	9.4
Total Horticultural Specialties	35.6	41.6	36.0
Ornamental Floral & Nursery	32.9	36.9	32.3
Food Crops Grown Under Cover	2.7	4.7	3.7
General Farm Primarily Crop	26.9	28.2	24.6
Agricultural Production/Livestock	25.6	28.3	29.4
Beef Cattle Feed Lots	0.3	2.3	0.8
Beef Cattle Except Feed Lots	3.1	4.8	3.5
Dairy Farms	14.7	14.5	17.1
Chicken Eggs	1.9	2.2	2.4
Turkey & Turkey Eggs	1.0	0.6	0.9
Other Livestock	4.6	3.9	4.7
Total Agricultural Services	207.5	203.1	185.7
Soil Preparation Services	2.2	1.7	1.6
Crop Services	51.1	47.2	46.7
Plant Cultivate & Protection	4.1	2.9	6.0
Harvest Primarily by Machine	6.2	5.6	6.9
Preparation Services for Market	40.0	38.1	33.2
Cotton Ginning	0.8	0.6	0.6
Total Farm Labor & Management	154.2	154.2	137.4
Farm Labor Contractors	144.6	144.3	126.4
Farm Management Services	9.6	9.9	11.0

Average Hourly Earnings (In dollars per hour)

Industry	Sep 2002	Aug 2002	Sep 2001
Total Agriculture	8.43	8.50	8.24
Total Agricultural Production/Crops	8.38	8.44	8.18
Cash Grains	8.43	8.57	8.39
Rice	8.49	8.54	8.53
Other Cash Grains	8.37	8.61	8.25
Field Crops Except Grains	8.19	8.41	8.18
Cotton	8.13	8.45	8.17
Other Field Crops	8.26	8.37	8.19
Vegetables and Melons	8.61	8.53	8.16
Total Fruits and Tree Nuts	8.38	8.36	7.98
Berries	8.67	8.20	7.83
Grapes	8.43	8.45	8.02
Tree Nuts	8.25	8.31	7.94
Citrus Fruits	8.31	8.32	7.95
Deciduous Tree Fruit	8.24	8.38	7.78
Other Fruits & Nuts	8.41	8.50	8.34
Total Horticultural Specialties	8.29	8.51	8.18
Ornamental Floral & Nursery	8.42	8.58	8.27
Food Crops Grown Under Cover	8.16	8.45	8.10
General Farm Primarily Crop	8.41	8.24	8.19
Agricultural Production/Livestock	8.26	8.39	8.04
Beef Cattle Feed Lots	7.91	8.21	8.07
Beef Cattle Except Feed Lots	8.53	8.47	8.25
Dairy Farms	8.63	8.55	8.56
Chicken Eggs	7.98	8.06	7.25
Turkey & Turkey Eggs	8.20	8.49	7.93
Other Livestock	8.30	8.53	8.17
Total Agricultural Services	8.63	8.67	8.49
Soil Preparation Services	8.66	8.77	8.49
Crop Services	8.82	8.82	8.69
Plant Cultivate & Protection	8.63	8.60	8.61
Harvest Primarily by Machine	8.73	8.93	8.67
Preparation Services for Market	8.33	8.29	8.16
Cotton Ginning	9.59	9.45	9.34
Total Farm Labor & Management	8.43	8.44	8.29
Farm Labor Contractors	8.24	8.23	8.08
Farm Management Services	8.61	8.64	8.50

CENTRAL COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Sep 2002	Aug 2002	Sep 2001
Total Agriculture	69.4	67.8	70.2
Total Agricultural Production/Crops	41.2	39.7	42.0
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.2	0.0	0.2
Cotton	0.0	0.0	0.0
Other Field Crops	0.2	0.0	0.2
Vegetables and Melons	16.9	14.5	16.9
Total Fruits and Tree Nuts	12.0	13.2	12.9
Berries	10.7	11.7	10.4
Grapes	1.0	1.0	1.0
Tree Nuts	0.0	0.1	0.2
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.0	0.1	0.7
Other Fruits & Nuts	0.3	0.3	0.6
Total Horticultural Specialties	9.3	9.1	9.4
Ornamental Floral & Nursery	7.1	6.9	7.1
Food Crops Grown Under Cover	2.2	2.2	2.3
General Farm Primarily Crop	2.8	2.9	2.6
Agricultural Production/Livestock	0.4	0.0	1.0
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.0	0.0	0.3
Dairy Farms	0.1	0.0	0.1
Chicken Eggs	0.0	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.3	0.0	0.4
Total Agricultural Services	27.8	28.1	27.2
Soil Preparation Services	0.4	1.2	0.3
Crop Services	10.7	7.7	10.4
Plant Cultivate & Protection	0.3	0.1	0.7
Harvest Primarily by Machine	2.9	2.4	2.2
Preparation Services for Market	7.5	5.2	7.5
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	16.7	19.2	16.5
Farm Labor Contractors	15.1	18.2	15.6
Farm Management Services	1.6	1.0	0.9

Industry	Sep 2002	Aug 2002	Sep 2001
Total Agriculture	8.54	8.60	8.27
Total Agricultural Production/Crops	8.78	8.51	8.40
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	8.53	na	8.52
Cotton	na	na	na
Other Field Crops	8.53	na	8.52
Vegetables and Melons	9.33	8.91	8.51
Total Fruits and Tree Nuts	8.78	8.40	8.44
Berries	9.64	8.49	8.77
Grapes	8.31	8.43	8.06
Tree Nuts	na	8.43	8.53
Citrus Fruits	na	na	na
Deciduous Tree Fruit	na	8.07	8.19
Other Fruits & Nuts	8.39	8.60	8.67
Total Horticultural Specialties	8.47	8.49	8.46
Ornamental Floral & Nursery	8.53	8.51	8.54
Food Crops Grown Under Cover	8.40	8.46	8.37
General Farm Primarily Crop	8.80	8.23	8.08
Agricultural Production/Livestock	8.23	na	7.88
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	na	na	8.25
Dairy Farms	8.87	na	8.38
Chicken Eggs	na	na	7.25
Turkey & Turkey Eggs	na	na	7.93
Other Livestock	7.59	na	7.59
Total Agricultural Services	8.61	8.69	8.53
Soil Preparation Services	8.61	8.90	8.61
Crop Services	8.68	8.67	8.67
Plant Cultivate & Protection	8.50	8.29	8.50
Harvest Primarily by Machine	9.08	9.24	9.08
Preparation Services for Market	8.47	8.48	8.43
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.53	8.50	8.32
Farm Labor Contractors	8.31	8.24	8.05
Farm Management Services	8.75	8.76	8.58

na = not available

DESERT AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Sep 2002	Aug 2002	Sep 2001
Total Agriculture	26.8	28.1	27.1
Total Agricultural Production/Crops	9.5	8.4	11.0
Cash Grains	0.0	0.1	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.1	0.1
Field Crops Except Grains	2.0	1.7	1.5
Cotton	0.1	0.0	0.1
Other Field Crops	1.9	1.7	1.4
Vegetables and Melons	1.9	1.1	2.3
Total Fruits and Tree Nuts	2.1	2.1	3.8
Berries	0.0	0.1	0.1
Grapes	0.8	0.8	1.2
Tree Nuts	0.2	0.2	0.3
Citrus Fruits	0.2	0.0	0.5
Deciduous Tree Fruit	0.0	0.0	0.1
Other Fruits & Nuts	0.9	1.0	1.6
Total Horticultural Specialties	2.2	2.3	1.6
Ornamental Floral & Nursery	2.2	2.3	1.5
Food Crops Grown Under Cover	0.0	0.0	0.1
General Farm Primarily Crop	1.3	1.1	1.7
Agricultural Production/Livestock	5.6	4.2	5.5
Beef Cattle Feed Lots	0.2	1.2	0.3
Beef Cattle Except Feed Lots	0.5	0.0	0.6
Dairy Farms	2.5	1.3	3.0
Chicken Eggs	1.5	0.7	1.1
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.9	1.0	0.5
Total Agricultural Services	11.7	15.5	10.6
Soil Preparation Services	0.0	0.0	0.2
Crop Services	3.8	5.4	3.7
Plant Cultivate & Protection	0.5	0.6	0.4
Harvest Primarily by Machine	1.0	0.9	0.9
Preparation Services for Market	2.2	3.8	2.3
Cotton Ginning	0.1	0.1	0.1
Total Farm Labor & Management	7.9	10.1	6.7
Farm Labor Contractors	7.2	9.2	5.9
Farm Management Services	0.7	0.9	0.8

Industry	Sep 2002	Aug 2002	Sep 2001
Total Agriculture	8.30	8.42	8.14
Total Agricultural Production/Crops	8.32	8.60	8.06
Cash Grains	na	9.19	8.25
Rice	na	na	na
Other Cash Grains	na	9.19	8.25
Field Crops Except Grains	8.71	8.95	8.44
Cotton	8.65	na	8.60
Other Field Crops	8.76	8.95	8.27
Vegetables and Melons	8.13	8.43	7.82
Total Fruits and Tree Nuts	8.28	8.44	7.73
Berries	na	8.62	7.71
Grapes	8.87	8.45	7.64
Tree Nuts	7.59	8.15	7.36
Citrus Fruits	8.07	na	7.86
Deciduous Tree Fruit	na	na	7.26
Other Fruits & Nuts	8.58	8.54	8.52
Total Horticultural Specialties	8.36	8.36	7.95
Ornamental Floral & Nursery	8.36	8.36	7.91
Food Crops Grown Under Cover	na	na	7.98
General Farm Primarily Crop	8.15	8.21	8.20
Agricultural Production/Livestock	8.03	8.16	7.87
Beef Cattle Feed Lots	7.68	8.25	8.09
Beef Cattle Except Feed Lots	8.25	na	7.93
Dairy Farms	8.47	8.50	8.48
Chicken Eggs	7.59	7.73	7.11
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.15	8.16	7.72
Total Agricultural Services	8.53	8.52	8.49
Soil Preparation Services	na	na	8.59
Crop Services	8.70	8.73	8.56
Plant Cultivate & Protection	8.50	8.58	8.38
Harvest Primarily by Machine	9.00	8.91	8.92
Preparation Services for Market	8.05	7.94	7.87
Cotton Ginning	9.25	9.47	9.08
Total Farm Labor & Management	8.37	8.31	8.32
Farm Labor Contractors	8.28	8.13	8.28
Farm Management Services	8.45	8.49	8.35

na = not available

NORTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Sep 2002	Aug 2002	Sep 2001
Total Agriculture	18.5	17.6	22.0
Total Agricultural Production/Crops	14.1	11.2	15.4
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.0	0.2	0.1
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.2	0.1
Vegetables and Melons	0.4	0.4	0.4
Total Fruits and Tree Nuts	11.8	9.4	12.8
Berries	0.0	0.0	0.0
Grapes	10.7	8.7	11.8
Tree Nuts	0.1	0.1	0.0
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.8	0.6	0.9
Other Fruits & Nuts	0.2	0.0	0.1
Total Horticultural Specialties	1.5	1.2	1.6
Ornamental Floral & Nursery	1.5	1.2	1.4
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	0.4	0.0	0.5
Agricultural Production/Livestock	1.0	2.2	1.9
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.0	0.0	0.2
Dairy Farms	0.6	1.1	1.0
Chicken Eggs	0.0	0.3	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.4	0.8	0.4
Total Agricultural Services	3.4	4.2	4.7
Soil Preparation Services	0.1	0.0	0.1
Crop Services	0.0	1.0	0.5
Plant Cultivate & Protection	0.0	0.0	0.2
Harvest Primarily by Machine	0.0	0.0	0.0
Preparation Services for Market	0.0	1.0	0.3
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	3.3	3.2	4.1
Farm Labor Contractors	1.0	1.1	1.0
Farm Management Services	2.3	2.1	3.1

Industry	Sep 2002	Aug 2002	Sep 2001
Total Agriculture	8.70	8.59	8.30
Total Agricultural Production/Crops	8.61	8.58	8.33
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	na	8.36	8.04
Cotton	na	na	na
Other Field Crops	na	8.36	8.04
Vegetables and Melons	8.62	8.57	8.46
Total Fruits and Tree Nuts	8.61	8.50	8.54
Berries	na	na	na
Grapes	8.55	8.53	8.68
Tree Nuts	8.49	8.25	8.35
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.71	8.72	8.48
Other Fruits & Nuts	8.70	na	8.66
Total Horticultural Specialties	8.75	8.87	8.36
Ornamental Floral & Nursery	8.75	8.87	8.60
Food Crops Grown Under Cover	na	na	8.12
General Farm Primarily Crop	8.45	na	8.25
Agricultural Production/Livestock	8.55	8.66	8.04
Beef Cattle Feed Lots	na	na	8.07
Beef Cattle Except Feed Lots	na	na	8.02
Dairy Farms	8.58	8.52	8.30
Chicken Eggs	na	8.60	7.25
Turkey & Turkey Eggs	na	na	8.10
Other Livestock	8.51	8.87	8.51
Total Agricultural Services	8.95	8.54	8.53
Soil Preparation Services	8.62	na	8.63
Crop Services	na	8.29	8.39
Plant Cultivate & Protection	na	na	8.61
Harvest Primarily by Machine	na	na	na
Preparation Services for Market	na	8.29	8.16
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.78	8.78	8.57
Farm Labor Contractors	8.62	8.64	8.33
Farm Management Services	8.93	8.92	8.80

na = not available

SOUTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Sep 2002	Aug 2002	Sep 2001
Total Agriculture	55.0	57.8	52.5
Total Agricultural Production/Crops	36.7	41.5	37.1
Cash Grains	0.4	0.0	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.4	0.0	0.1
Field Crops Except Grains	0.2	0.3	0.2
Cotton	0.0	0.0	0.0
Other Field Crops	0.2	0.3	0.2
Vegetables and Melons	7.0	7.6	7.4
Total Fruits and Tree Nuts	9.6	8.9	9.6
Berries	5.0	4.3	4.8
Grapes	1.0	1.9	1.6
Tree Nuts	0.2	0.1	0.1
Citrus Fruits	1.3	1.7	1.5
Deciduous Tree Fruit	0.5	0.0	0.1
Other Fruits & Nuts	1.6	0.9	1.5
Total Horticultural Specialties	16.6	21.7	16.9
Ornamental Floral & Nursery	16.3	19.7	16.1
Food Crops Grown Under Cover	0.3	2.0	0.8
General Farm Primarily Crop	2.9	3.0	2.9
Agricultural Production/Livestock	2.0	2.3	2.1
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.3	0.6	0.3
Dairy Farms	0.2	0.1	0.2
Chicken Eggs	0.4	0.6	0.5
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	1.1	1.0	1.1
Total Agricultural Services	16.3	14.0	13.3
Soil Preparation Services	0.2	0.0	0.2
Crop Services	1.6	3.0	2.5
Plant Cultivate & Protection	0.6	0.6	0.4
Harvest Primarily by Machine	0.0	0.0	0.4
Preparation Services for Market	1.0	2.4	1.7
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	14.5	11.0	10.6
Farm Labor Contractors	13.3	9.2	9.5
Farm Management Services	1.2	1.8	1.1

Industry	Sep 2002	Aug 2002	Sep 2001
Total Agriculture	8.52	8.43	8.29
Total Agricultural Production/Crops	8.47	8.38	8.25
Cash Grains	8.75	na	8.60
Rice	na	na	na
Other Cash Grains	8.75	na	8.60
Field Crops Except Grains	8.35	8.34	8.36
Cotton	na	na	na
Other Field Crops	8.35	8.34	8.36
Vegetables and Melons	8.60	8.43	8.03
Total Fruits and Tree Nuts	8.31	8.38	7.82
Berries	7.90	7.89	7.36
Grapes	8.64	8.47	7.97
Tree Nuts	8.20	8.34	7.59
Citrus Fruits	8.46	8.48	8.22
Deciduous Tree Fruit	8.18	na	7.39
Other Fruits & Nuts	8.46	8.71	8.39
Total Horticultural Specialties	8.31	8.62	8.17
Ornamental Floral & Nursery	8.31	8.78	8.23
Food Crops Grown Under Cover	8.31	8.46	8.10
General Farm Primarily Crop	8.50	8.12	8.50
Agricultural Production/Livestock	8.55	8.43	8.22
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	8.95	8.69	8.63
Dairy Farms	8.33	8.35	8.63
Chicken Eggs	8.37	8.22	7.36
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.54	8.47	8.27
Total Agricultural Services	8.55	8.48	8.41
Soil Preparation Services	8.77	na	8.37
Crop Services	8.57	8.60	8.58
Plant Cultivate & Protection	8.88	8.85	8.88
Harvest Primarily by Machine	na	na	8.67
Preparation Services for Market	8.25	8.35	8.18
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.30	8.36	8.29
Farm Labor Contractors	8.05	8.12	8.05
Farm Management Services	8.55	8.60	8.53

na = not available

SAN JOAQUIN AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Sep 2002	Aug 2002	Sep 2001
Total Agriculture	257.5	244.8	234.9
Total Agricultural Production/Crops	99.1	94.5	93.0
Cash Grains	0.4	0.5	0.5
Rice	0.1	0.2	0.1
Other Cash Grains	0.3	0.3	0.4
Field Crops Except Grains	6.9	6.1	7.9
Cotton	4.0	4.2	5.0
Other Field Crops	2.9	1.9	2.9
Vegetables and Melons	7.4	4.5	7.0
Total Fruits and Tree Nuts	63.7	61.8	59.0
Berries	0.0	0.1	0.1
Grapes	42.4	34.6	37.7
Tree Nuts	5.0	7.1	6.8
Citrus Fruits	1.7	1.8	1.7
Deciduous Tree Fruit	9.8	13.3	8.0
Other Fruits & Nuts	4.8	4.9	4.7
Total Horticultural Specialties	3.9	4.7	4.2
Ornamental Floral & Nursery	3.7	4.2	4.0
Food Crops Grown Under Cover	0.2	0.5	0.2
General Farm Primarily Crop	16.8	16.9	14.4
Agricultural Production/Livestock	15.0	18.2	17.3
Beef Cattle Feed Lots	0.1	1.1	0.4
Beef Cattle Except Feed Lots	1.8	3.6	1.6
Dairy Farms	10.7	11.5	12.2
Chicken Eggs	0.0	0.6	0.6
Turkey & Turkey Eggs	1.0	0.6	0.7
Other Livestock	1.4	0.8	1.8
Total Agricultural Services	143.4	132.1	124.6
Soil Preparation Services	1.5	0.5	0.7
Crop Services	32.2	27.2	27.4
Plant Cultivate & Protection	2.2	1.0	3.9
Harvest Primarily by Machine	2.2	2.2	3.1
Preparation Services for Market	27.1	23.5	19.9
Cotton Ginning	0.7	0.5	0.5
Total Farm Labor & Management	109.7	104.4	96.5
Farm Labor Contractors	106.0	101.0	91.7
Farm Management Services	3.7	3.4	4.8

Industry	Sep 2002	Aug 2002	Sep 2001
Total Agriculture	8.38	8.43	8.18
Total Agricultural Production/Crops	8.08	8.30	7.98
Cash Grains	8.37	8.46	8.27
Rice	8.52	8.57	8.53
Other Cash Grains	8.21	8.34	8.00
Field Crops Except Grains	7.55	8.28	7.77
Cotton	7.60	8.45	7.73
Other Field Crops	7.50	8.11	7.81
Vegetables and Melons	8.22	8.28	8.21
Total Fruits and Tree Nuts	8.15	8.18	7.66
Berries	na	7.60	7.40
Grapes	7.96	8.34	7.81
Tree Nuts	8.53	8.35	7.98
Citrus Fruits	8.40	8.15	7.58
Deciduous Tree Fruit	7.86	8.37	7.46
Other Fruits & Nuts	8.02	8.24	7.71
Total Horticultural Specialties	8.03	8.44	7.97
Ornamental Floral & Nursery	8.27	8.45	8.05
Food Crops Grown Under Cover	7.78	8.42	7.89
General Farm Primarily Crop	8.15	8.18	8.00
Agricultural Production/Livestock	8.48	8.39	8.12
Beef Cattle Feed Lots	8.14	8.16	8.04
Beef Cattle Except Feed Lots	8.45	8.31	8.20
Dairy Farms	8.99	8.82	8.80
Chicken Eggs	na	7.70	7.29
Turkey & Turkey Eggs	8.20	8.49	7.75
Other Livestock	8.62	8.85	8.62
Total Agricultural Services	8.57	8.59	8.45
Soil Preparation Services	8.63	8.64	8.74
Crop Services	8.81	8.81	8.58
Plant Cultivate & Protection	8.70	8.74	8.73
Harvest Primarily by Machine	8.13	8.69	8.13
Preparation Services for Market	8.48	8.40	7.84
Cotton Ginning	9.93	9.42	9.60
Total Farm Labor & Management	8.28	8.31	8.03
Farm Labor Contractors	8.05	8.09	7.72
Farm Management Services	8.50	8.52	8.34

na = not available

SACRAMENTO VALLEY AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Sep 2002	Aug 2002	Sep 2001
Total Agriculture	23.7	29.6	21.5
Total Agricultural Production/Crops	17.2	19.0	14.6
Cash Grains	2.3	1.8	1.4
Rice	1.3	1.1	1.2
Other Cash Grains	1.0	0.7	0.2
Field Crops Except Grains	0.3	0.3	0.5
Cotton	0.0	0.0	0.0
Other Field Crops	0.3	0.3	0.5
Vegetables and Melons	2.6	2.9	0.9
Total Fruits and Tree Nuts	7.2	7.1	7.0
Berries	0.1	0.1	0.3
Grapes	1.3	0.2	0.7
Tree Nuts	2.3	1.9	2.4
Citrus Fruits	0.0	0.0	0.1
Deciduous Tree Fruit	2.9	3.4	2.6
Other Fruits & Nuts	0.6	1.5	0.9
Total Horticultural Specialties	2.1	2.6	2.3
Ornamental Floral & Nursery	2.1	2.6	2.2
Food Crops Grown Under Cover	0.0	0.0	0.1
General Farm Primarily Crop	2.7	4.3	2.5
Agricultural Production/Livestock	1.6	1.4	1.6
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.5	0.6	0.5
Dairy Farms	0.6	0.5	0.6
Chicken Eggs	0.0	0.0	0.0
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.5	0.3	0.5
Total Agricultural Services	4.9	9.2	5.3
Soil Preparation Services	0.0	0.0	0.1
Crop Services	2.8	2.9	2.2
Plant Cultivate & Protection	0.5	0.6	0.4
Harvest Primarily by Machine	0.1	0.1	0.3
Preparation Services for Market	2.2	2.2	1.5
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	2.1	6.3	3.0
Farm Labor Contractors	2.0	5.6	2.7
Farm Management Services	0.1	0.7	0.3

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Sep 2002	Aug 2002	Sep 2001
Total Agriculture	8.42	8.43	8.29
Total Agricultural Production/Crops	8.37	8.40	8.11
Cash Grains	8.30	8.40	8.34
Rice	8.45	8.51	8.53
Other Cash Grains	8.15	8.29	8.15
Field Crops Except Grains	8.15	8.07	8.11
Cotton	na	na	na
Other Field Crops	8.15	8.07	8.11
Vegetables and Melons	8.74	8.55	7.94
Total Fruits and Tree Nuts	8.34	8.41	7.96
Berries	8.47	8.40	7.90
Grapes	8.25	8.50	7.94
Tree Nuts	8.46	8.36	7.83
Citrus Fruits	na	na	8.13
Deciduous Tree Fruit	8.20	8.36	7.91
Other Fruits & Nuts	8.30	8.43	8.07
Total Horticultural Specialties	8.30	8.51	8.21
Ornamental Floral & Nursery	8.30	8.51	8.30
Food Crops Grown Under Cover	na	na	8.12
General Farm Primarily Crop	8.39	8.47	8.08
Agricultural Production/Livestock	8.46	8.43	8.52
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	8.45	8.42	8.45
Dairy Farms	8.56	8.56	8.77
Chicken Eggs	na	na	na
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.37	8.31	8.33
Total Agricultural Services	8.44	8.47	8.25
Soil Preparation Services	na	na	8.00
Crop Services	8.55	8.58	8.53
Plant Cultivate & Protection	8.56	8.55	8.56
Harvest Primarily by Machine	8.70	8.88	8.53
Preparation Services for Market	8.40	8.30	8.49
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.33	8.36	8.21
Farm Labor Contractors	8.15	8.15	8.04
Farm Management Services	8.50	8.56	8.38

DATA NOTES

Data Sources:

These data are obtained from two sources: the Employment Development Department (EDD) Covered Employment and Wages (ES-202) data files and a monthly survey conducted by the California Agricultural Statistical Service (CASS) of the U.S. Department of Agriculture (USDA) and the Labor Market Information Division of EDD of 4,200 agricultural employers. The sample was selected to be representative of the state's agricultural employers by size, geographic location, and industry categories. Sample data are gathered for the survey week that includes the 12th calendar day of the month. All data in this bulletin represent activities taking place during this mid-month period. Same month prior year employment data are benchmarked to the ES-202 data files maintained by EDD.

Data Comments:

To aid in accurate usage and interpretation of the data, please note the following:

- **Agricultural Services employment survey data may be recalculated; historical trend information is used to adjust sample data when low response rates occur.**
- Regional data may show greater variability than statewide data because of small sample size and variable reporting patterns in specific industries.
- Current month regional estimates are based on the recorded addresses of owner-operators. Same month prior year regional data are based on worksite locations. Significant differences between regional current month and same month prior year data could result, although statewide totals might be comparable.
- Where data cannot be estimated because of inadequate sample reporting, the letters "na" have been entered into the field to indicate estimates are not available.
- Wage data include wages of supervisors and hired non-production workers (primarily administrative personnel). Piece rate data are also included where applicable.
- Fishing, forestry, and hunting industry data are not included in the Agricultural Services estimates. Unique seasonal industry patterns of employment make producing employment estimates for these industries problematic.
- Employment data do not include employers of unpaid family workers.
- Agricultural workers who are employed by farm labor contractors are reported in Agricultural Services under that industry category. Employment levels in Crop Production and Livestock Production do not reflect their activities in the associated industries that contract with the farm labor contractors.

Total agricultural employment and hourly earnings estimates in this bulletin are derived from the monthly Current Employment Statistics for Agriculture project. Estimates in this bulletin will differ from other agricultural estimates published by EDD and the USDA because of differences in the number of industries covered and in the definition of agricultural workers.

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